

REPORT ON GEOPHYSICAL WELL LOGGING

AT

GRAM PANCHAYAT- PHULPUR, BLOCK- UJHANI, DISTT.- BADAUN

UNDER

JAL JIVAN MISSION

Introduction :

A Deep bore hole was drilled 120 mtrs. depth. and logged depth 120 mtrs. at

above site. Was drilled by M/S PNC-SPML-JV, Badaun.

On the request of M/S PNC-SPML-JV, Badaun. a Geophysical well logging is conduct

at above bore hole using IGIS Well Logger on 27. Feb. 2022.

Logging Para meters - Self potential, short normal (N-16), Long Normal (N-64), Lateral.

Details of major equifer formations explored from logging of bore hole combined with the study

of Strata Chart prepared from drill cuttings are given in the following table:-

S.No.	Depth range(m)	Thickness(m)	Lithology	Expected Water Quality
1.	0 - 5	5	Surface soil	
2.	5 - 8	3	Dry sand	
3.	8 - 20	12	Clay kankar	
4.	20 - 30	10	Sandy clay	
5.	30 - 48	18	Clay kankar	
6.	48 - 60*	12	Medium sand	Medium
7.	60 - 65	5	Clay kankar	
8.	65 - 90*	25	Medium sand	Medium
9.	90 - 105	10	Clay kankar	
10.	105 - 112*	7	Fine to Medium sand	Medium
11.	112 - 120	8	Clay kankar	

